

We claim:

1. A wireless communication system, comprising:

one or more wireless communication devices;

5 at least one application server for delivering content to said one or more wireless communication devices; and

an application layer broker between said one or more wireless communication devices and said at least one application server, wherein said application layer broker provides an indirect coupling between said at least one application server and said one or more wireless
10 communication devices.

2. The wireless communication system of claim 1, wherein said at least one application server is protected by a firewall and said one or more wireless communication devices are outside of said firewall.

15 3. The wireless communication system of claim 1, wherein communications between said application server and said application layer broker are initiated only by said application server.

20 4. The wireless communication system of claim 1, wherein said application layer broker links said one or more wireless communication devices to said application server through an event triggered content delivery mechanism.

25 5. The wireless communication system of claim 4, wherein said event triggered content delivery mechanism allows said application layer broker to provide separate channels for a registration of said wireless communication device and a delivery of said content to said wireless communication device.

6. The wireless communication system of claim 4, wherein said event triggered content delivery mechanism temporarily stores collected device information in a queue to be obtained by said application server.

5 7. The method of claim 6, wherein said application server performs a query to obtain said collected device information.

8. The wireless communication system of claim 1, wherein said application layer broker provides adaptation to a plurality of said wireless communication devices.

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9. The wireless communication system of claim 8, wherein said adaptation to a plurality of said wireless communication devices is performed by dynamically binding a device capability query with a generation and presentation of said content.

15 10. A wireless communication system for providing content from an application server to a wireless communication device, comprising:

an application layer broker between said wireless communication device and said one application server, wherein said application layer broker provides separate channels for a registration of said wireless communication device and a delivery of said content to said wireless communication device.

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11. The wireless communication system of claim 10, wherein said application layer broker links said one or more wireless communication devices to said application server through an event triggered content delivery mechanism.

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12. The wireless communication system of claim 11, wherein said event triggered content delivery mechanism allows said application layer broker to provide separate channels for a registration of said wireless communication device and a delivery of said content to said wireless communication device.

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13. The wireless communication system of claim 11, wherein said event triggered content delivery mechanism temporarily stores collected device information in a queue to be obtained by said application server.

5 14. The wireless communication system of claim 13, wherein said application server performs a query to obtain said collected device information.

15. The wireless communication system of claim 10, wherein said at least one application server is protected by a firewall and said one or more wireless communication
10 devices are outside of said firewall.

16. A method performed by an application layer broker for delivering content to a wireless device from an application server, comprising:
receiving a request from a user associated with said wireless device for said
15 content;
providing said request to said application server;
receiving said content from said application server;
encoding said content with authentication information so that said content may only be accessed by said wireless device; and
20 providing said encoded content for access by said wireless device.

17. The method of claim 16, wherein said application server pushes said service to said application layer broker through a secure service delivery mechanism.

25 18. The method of claims 16, further comprising the step of temporarily placing said content in a queue for delivery to said wireless device, wherein said content is fetched from said queue for delivery to said wireless device.

19. The method of claim 16, wherein said application layer broker provides
30 adaptation to a plurality of said wireless communication devices.

20. The method of claim 19, wherein said adaptation to a plurality of said wireless communication devices is performed by dynamically binding a device capability query with a generation and presentation of said content.

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